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May 06, 2004

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FILING DATE: April 11, 2003

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## Electronic Filing System (EFS) Data Electronic Patent Application Submission USPTO Use Only

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Title of Invention:

TRI CUT XCUT NOZZLE

First Named Inventor:

Deborah Kosovich

Domestic/Foreign Application:

**Domestic Application** 

Filing Date:

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**Effective Receipt Date:** 

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**Submission Type:** 

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Filing Type:

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**Attorney Docket Number:** 

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## TRANSMITTAL FORM

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**Application** 

## TRI CUT XCUT NOZZLE

First Named Inventor: Ms. Deborah Kosovich

SUBMITTED BY

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Date Signed: 20030411

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specification

app.xml

Comments:

## FEE TRANSMITTAL

Electronic Version 1.1.0 Stylesheet Version: 1.0

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Douglas B. McKnight

**Electronic Signature Mark:** 

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#### BASIC FILING FEE

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# **APPLICATION DATA SHEET**

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Attorney Docket Number: 11694/04265

**Publication Filing Type:** 

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Title of Invention:

TRI CUT XCUT NOZZLE

**Customer Number Attorney:** 

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## **SPECIFICATION**

Electronic Version 1.2.8 Stylesheet Version 1.0

# TRI CUT XCUT NOZZLE

### **Background of Invention**

[0001] The invention involves use of an xcut short flange adapter (Nordson Part No. 122455) and one or more carbides (Nordson Part No. 122456). Current nozzles leave areas uncoated or provide uneven film distribution. There is a need to provide coating of the two piece pulltop can ends.

#### **Detailed Description**

[0002] The present application provides for the use of a tri cut xcut nozzle which will produce a thicker pattern. This fall pattern will cover a wider area with a more consistent film build across the required area than a single cut (orifice) nozzle or a dual cut or dual tip nozzle. The present invention provides a more consistent coverage on the can ends and a wider area of coverage.

#### Claims

[c1] Provisional application. Not applicable.

# TRI CUT XCUT NOZZLE

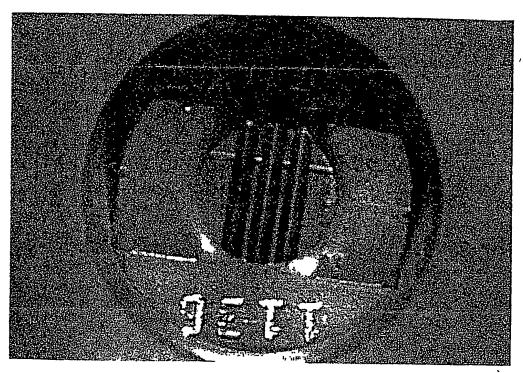
## **Abstract of Disclosure**

Provisional application. Not applicable.

**Figures** 

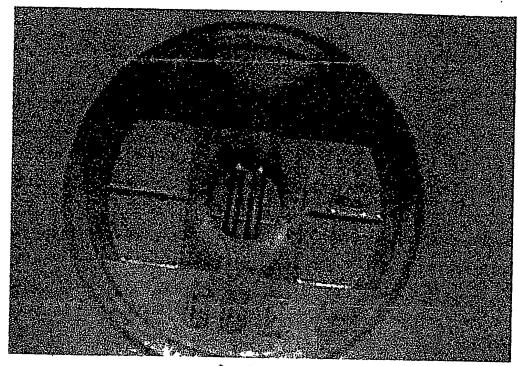
The Tricky morte issim fined the time into it. pull cog- wan train

The 3 orifices design cause the chiec stude Eirean's To impinge into each other. The impinging patterns cause the patter to become under the wider pattern incresses the coverage area, when compared to the dual tip (Fig 1) and the dual orifice (fig 2). See full paterns of each style of curicusting A,B,C)



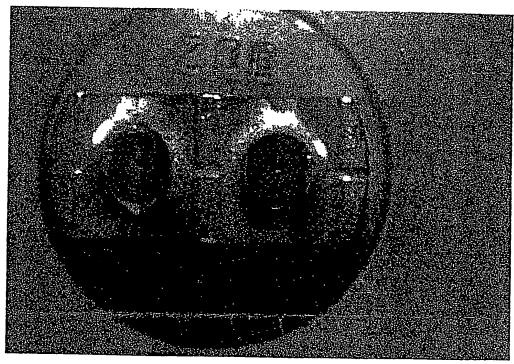
Tricu Nozzhe #3

02-161



DUAL CUA Noszle #2

02-161



#D

DUAL TIP NOLZIE

02-161

### ECLLYC. ECLOSECO

DUAL TIP Thedualtipuccile Configuration will product a Pattern. AS seen : N figure A. The Nozzle 15 pictured in figure 1. DUAL CUT The dual cut Nozzle will (B) Produce apatter Likethone in Crowne B. The Worzte is protioned in Cigure 2 Protestupe A001136 The Trient Nozzle TRICUT ٥ Pattorn can be seen Triligure C. The Corresponding Novale Can be seen no Figure Number 3 02-161

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